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(71) Applicant (for all designated States except US):  
**PHOENIX TECHNOLOGIES, LP [US/US]**; 1098  
Fairview Avenue, Bowling Green, OH 43402 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HYWARD, Donald, W.** [US/US]; 4 Mattatuck Way, Waterville, OH 43566 (US).  
**WITHAM, Daniel, L.** [US/US]; 6317 Glenhurst Drive, Apt. #5, Maumee, OH 43537 (US).

(74) Agent: **FRASER, Donald, R.**; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604-1853 (US).

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(54) Title: IMPROVED METHOD FOR TREATING RECYCLED POLYETHYLENE TEREPHTHALATE

(57) Abstract: A process for treating RPET flakes comprises providing a quantity of RPET flakes, comminuting the RPET flakes to prepare RPET particles having an average mean particle size less than about 300 microns, and treating the RPET particles utilizing a low energy process selected from the group consisting of simultaneously melting and mixing the RPET particles by means of a low energy melting device to prepare an RPET melt, and thermally treating the RPET particles to dry or crystallize the RPET particles.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/07955

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C08G 63/00  
 US CL : 528/308.1; 528/271, 272

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 U.S. : 528/308.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 NONE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20020188094 A (BALDUFF, ET. AL.) DECEMBER 12, 2002, PAGES 1-4	1

Further documents are listed in the continuation of Box C.

See patent family annex.

### \* Special categories of cited documents:

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Date of the actual completion of the international search

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Mail Stop PCT, Attn: ISA/US  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

Authorized officer

Terressa M. Boykin

Telephone No. 703 308-2462

Facsimile No. (703) 305-3230